ONLINE REPOSITORY

TABLE E1. Cox proportional hazard model for asthma-related ED visits and hospitalizations, based on different digits of propensity score matching

Database		Asthma-related ED visits or hospital admissions		Asthma-related ED visits		Asthma-related hospital admissions	
Statin	N	Event	Adjusted HR*	Events	Adjusted HR*	Events	Adjusted HR*
LHID2000+2005+2010 (as presented in Table II)							
No	97,729	2,818	1	1,614	1	1,204	1
Yes	19,866	599	**0.81 (0.74, 0.89)†**	322	**0.86 (0.76, 0.98)**	277	**0.77 (0.67, 0.88)**
Propensity score matching (digits = 7)							
No	39,704	1,450	1	763	1	687	1
Yes	19,856	597	**0.82 (0.74, 0.90)**	321	**0.84 (0.73, 0.95)**	276	**0.8 (0.70, 0.92)**
Propensity score matching (digits = 6)							
No	39,712	1,439	1	761	1	678	1
Yes	19,859	597	**0.83 (0.75, 0.91)**	321	**0.84 (0.74, 0.96)**	276	**0.81 (0.70, 0.93)**
Propensity score matching (digits = 5)							
No	32,711	1,049	1	580	1	469	1
Yes	19,865	598	0.94 (0.85, 1.04)	321	0.91 (0.79, 1.04)	277	0.97 (0.84, 1.13)

ED, Emergency department; *HR*, hazards ratio.
*Adjusted for age, sex, Deyo-Charlson index (exclude chronic pulmonary disease) in the 12 mo before the index date, asthma controller medication in the 12 mo before the index date, diagnosis of asthma in the 12 mo before the index date, and health care utilization in the 12 mo before the index date.
†Significant results (*P* < .05) are in bold.

TABLE E2. Cox proportional hazard model for asthma-related ED visits and hospitalizations, based on different asthma severity

Database		Asthma-related ED visits or hospital admissions		Asthma-related ED visits		Asthma-related hospital admissions	
Statin	N	Event	Adjusted HR*	Events	Adjusted HR*	Events	Adjusted HR*
Mild-to-moderate asthmatic patients							
No	95,162	2,671	Ref	1,553	Ref	1,118	Ref
Yes	19,390	576	0.94 (0.85, 1.03)	317	1.01 (0.89, 1.14)	259	0.88 (0.77, 1.01)
Severe asthmatic patients							
No	2,567	147	Ref	61	Ref	86	Ref
Yes	476	23	0.80 (0.51, 1.26)	5	0.45 (0.18, 1.13)	18	1.04 (0.61, 1.75)

ED, Emergency department; *HR*, hazards ratio.
*Adjusted for age, sex, Deyo-Charlson index (exclude chronic pulmonary disease) in the 12 mo before the index date, asthma controller medication in the 12 mo before the index date, diagnosis of asthma in the 12 mo before the index date, and health care utilization in the 12 mo before the index date.